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PN - DE4327327 A 19950216
 PD - 1995-02-16
 PR - DE19934327327 19930813
 OPD - 1993-08-13
 IN - FABRY BERND DR (DE); WEGENER INGO (DE)
 PA - HENKEL KGAA (DE)
 ICO - M11D1/44 ; M11D1/52H ; M11D1/52K ; M11D1/66B ; M11D1/66E ;
 M11D1/72 ; M11D1/72B ; M11D1/722 ; M11D1/74 ; M11D1/75 ;
 M11D1/78
 EC - B01D19/04D+/04D4+/04D6 ; B01F17/00Z ; B01F17/00Z2 ;
 C09B67/00P10B ; C11D1/825 ; C11D1/835 ; C23G1/14
 IC - C11D1/722
 CT - DE4243643 C1 [] ; DE3928600 A1 [] ; DE3518672 A1 [] ;
 DE1467552 A []

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TI - Nonionic surfactant compsns. - comprising n-alkyl
 polyoxyethylene-polyoxypropylene ether and other nonionic
 surfactant
 PR - DE19934327327 19930813
 PN - DE4327327 A1 19950216 DW199512 C11D1/722 014pp
 - WO9505441 A1 19950223 DW199513 C11D1/825 Ger 040pp
 - EP0724621 A1 19960807 DW199636 C11D1/825 Ger 000pp
 PA - (HENK) HENKEL KGAA
 IC - B01F17/00 ; B03D1/00 ; C11D1/722 ; C11D1/825 ; C23G1/24
 IN - FABRY B; WEGENER I
 AB - DE4327327 Nonionic surfactant compsns. (referred to as detergent
 mixts.) comprise: (a) a polyoxyethylene-polyoxypropylene ether of
 formula $R_1O(CH_2CHMeO)_m(CH_2CH_2O)_nR_2$ (I), where R_1 = 8-10C
 n-alkyl; R_2 = 1-4C alkyl or benzyl; m = 0.5-2 and n = 6-9; and (b) at
 least one other nonionic surfactant selected from narrow-range
 fatty alcohol ethoxylates; fatty alcohol
 polyoxyethylene-polyoxypropylene ethers; alkoxylated fatty acids,
 fatty amides, fatty amines and triglycerides; alkyl and alkenyl
 oligo:glycosides; fatty acid N-alkyl-N-polyhydroxyalkyl-amides;
 polyol fatty acid esters; sorbitan esters; polysorbate; phosphate
 esters; and amine oxides.
 - USE - The compsns. are useful for formulating automatic
 bottle-cleaning detergents, car body panel degreasers, compsns.
 for foam control in the sugar industry, dishwasher detergents,

hard-surface cleaners, dye dispersants, flotation aids, etc.

- ADVANTAGE - The compsns. are low-foaming, biodegradable, and have good wetting, cleaning and dispersant properties.

- (Dwg.0/0)

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CT -

2.Jnl.Ref;DE4243643;EP0202638;EP0462059;JP3062895;JP4318100;WO9114760

DS - DE ES FR IT

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